

TEW 1656

PTO/SB/21 (09-04)

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		Application Number	09/914451-Conf. #4167
		Filing Date	December 20, 2001
		First Named Inventor	Jesper Z. HAEGGSTROM
		Art Unit	1656
		Examiner Name	L. T. Odell
Total Number of Pages in This Submission		Attorney Docket Number	PVZ-006US

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Firm Name	LAHIVE & COCKFIELD, LLP		
Signature			
Printed name	Elizabeth A. Hanley		
Date	December 22, 2005	Reg. No.	33,505

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(Elizabeth A. Hanley)

Docket No.: PVZ-006US  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Jesper Z. Haeggstrom *et al.*

Application No.: 09/914451

Confirmation No.: 4167

Filed: December 20, 2001

Art Unit: 1656

For: DRUG DESIGN BASED ON THE  
STRUCTURE OF LTA4 HYDROLASE

Examiner: L. T. Odell

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (SIDS)

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
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Dear Sir:

In accordance with 37 CFR 1.97, Applicant(s) hereby make of record the following additional documents. A PTO Form SB/08 and a full copy of each of the documents required under 37 CFR 1.98(a)(2) accompany this statement.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)). Accordingly, Applicants believe that no fee is due with the present submission.

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicant(s) understand(s) the Examiner will make an independent evaluation of the cited documents.

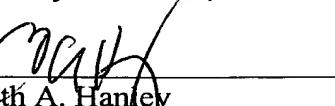
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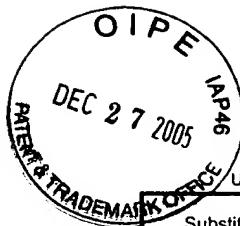
application by this firm) to our Deposit Account No. 12-0080, under Order No. PVZ-006US. A duplicate copy of this paper is enclosed.

Dated: December 22, 2005

EAH/MXG/mch

Respectfully submitted,

By   
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## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2 Attorney Docket Number PVZ-006US

## Complete if Known

Application Number	09/914451-Conf. #4167
Filing Date	December 20, 2001
First Named Inventor	Jesper Z. HAEGGSTROM
Art Unit	1656
Examiner Name	L. T. Odell

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

## FOREIGN PATENT DOCUMENTS

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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	Wetterholm, Anders, et al., "Leukotriene A <sub>4</sub> hydrolase: Abrogation of the peptidase activity by mutation of glutamic acid-296," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89:9141-9145 (1992)	
	C2	Minami, Michiko, et al., "Leukotriene A <sub>4</sub> hydrolase, a bifunctional enzyme. Distinction of leukotriene A <sub>4</sub> hydrolase and aminopeptidase activities by site-directed mutagenesis at Glu-297," <i>FEBS</i> , Vol. 309(3):353-357 (1992)	
	C3	Medina, Juan F., et al., "Leukotriene A <sub>4</sub> hydrolase: Determination of the three zinc-binding ligands by site-directed mutagenesis and zinc analysis," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 88:7620-7624 (1991)	
	C4	Toh, Hiroyuki, et al., "Molecular Evolution and Zinc Ion Binding Motif of Leukotriene A <sub>4</sub> Hydrolase," <i>Biochemical and Biophysical Research Communications</i> , Vol. 171(1):216-221 (1990)	
	C5	Haeggstrom, Jesper Z., et al., "Leukotriene A <sub>4</sub> Hydrolase: A Zinc Metalloenzyme," <i>Biochemical and Biophysical Research Communications</i> , Vol. 172(3):965-970 (1990)	
	C6	Funk, Colin D., et al., "Molecular cloning and amino acid sequence of leukotriene A <sub>4</sub> hydrolase," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 84:6677-6681 (1987)	
	C7	Thunissen, Marjolein M.G.M., et al., "Crystal structure of human leukotriene A <sub>4</sub> hydrolase, a bifunctional enzyme in inflammation," <i>Nature Structural Biology</i> , Vol. 8(2):131-135 (2001)	
	C8	Rudberg, Peter C., et al., "Leukotriene A <sub>4</sub> Hydrolase/Aminopeptidase," <i>The Journal of Biological Chemistry</i> , Vol. 277(2):1398-1404 (2002)	
	C9	Mammalian Gene Collection (MGC) Program Team, "Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences," <i>PNAS</i> , Vol. 99(26):16899-16903 (2002)	
	C10	Odlander, Bjorn, et al., "Leukotriene A <sub>4</sub> Hydrolase in the Human B-Lymphocytic Cell Line Raji: Indications of Catalytically Divergent Forms of the Enzyme," <i>Archives of Biochemistry and Biophysics</i> , Vol. 287(1):167-174 (1991)	
	C11	Minami, Michiko, et al., "Molecular Cloning of a cDNA Coding for Human Leukotriene A <sub>4</sub> Hydrolase," <i>The Journal for Biological Chemistry</i> , Vol. 262(29):13873-13876 (1987)	
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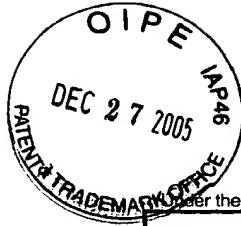
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				First Named Inventor	Jesper Z. HAEGGSTROM
				Art Unit	1656
				Examiner Name	L. T. Odell
Sheet	2	of	2	Attorney Docket Number	PVZ-006US

C12	Radmark, Olof, et al., "Leukotriene A <sub>4</sub> Hydrolase in Human Leukocytes," <i>The Journal of Biological Chemistry</i> , Vol. 259(20):12339-12345 (1984)	
C13	Mancini, Joseph A., et al., "Cloning and characterization of the human leukotriene A <sub>4</sub> hydrolase gene," <i>Eur. J. Biochem.</i> , Vol. 231:65-71 (1995)	
C14	Jendraschak, Ellen, et al., "The human leukotriene A <sub>4</sub> hydrolase gene is expressed in two alternatively spliced mRNA forms," <i>Biochem J.</i> , Vol. 314:733-737 (1996)	
C15	Nasr, F., et al., "The Sequence of 12-8 kb from the Left Arm of Chromosome XIV Reveals a Sigma Element, a pro-tRNA and Six Complete Open Reading Frames, One of Which Encodes a Protein Similar to the Human Leukotriene A <sub>4</sub> Hydrolase," <i>Yeast</i> , Vol. 12:493-499 (1996)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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